



Issue 128 October 8th, 2016

## Top links

### [ARES responds to Hurricane Matthew](#)

ARES volunteers in Florida, Georgia, and the Carolinas are helping or gearing up to support communication during the response to Hurricane Matthew.

[ARRL](#)

### [Frequencies in use in conjunction with Hurricane Matthew response](#)

Please avoid interfering with these frequencies, and do not check into any emergency nets unless you genuinely have something of importance to contribute.

[ARRL](#)

### [How to use Amazon Echo in Ham Radio](#)

Putting the voice activated computers on line, we can send voice commands followed by DTMF and access the Internet directly.

[Southgate](#)

### [Circular SWR ruler](#)

This tool can calculate gain, loss, SWR and return loss in a second with enough precision for most amateur works.

[TK5EP](#)

### [Catching CubeSat chatter? There's an app for that!](#)

Estévez's gr-satellites project provides a collection of applications to decode satellite telemetry.

[The Register](#)

### [What I pack for the Chicago Marathon](#)

For the fourth year, I will be part of the Medical Communication Team at the Chicago Marathon this weekend.

[N4AE](#)

### [An end fed halfwave antenna for portable ops](#)

My main reason for not putting much effort into portable operation is that when I go out into nature, I want to enjoy my surroundings and not be distracted by radios.

## Inverter generators: What you need to know

Inverter generators convert the high frequency, three phase AC into DC current via a solid state rectifier, and from there the electricity goes into a conventional 60 Hz.

Off Grid Ham

## American Morse Code

American Morse Code was first used on the Baltimore-Washington telegraph line, a telegraph line constructed between Baltimore, Maryland, and the old Supreme Court chamber in the Capitol building in Washington, D.C.

[Wikipedia](#)

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## Video

### 12V battery performance comparison

Sealed Lead Acid vs A123 and Bioenno LiFePO4

KF7IJZ

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73

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